DISCRETE APPLIED MATHEMATICS Volume 82, Numbers 1–3, 2 March 1998

Abstracted/Indexed in: ACM Computing Reviews, Cambridge Scientific Abstracts, Current Contents: Physical, Chemical & Earth Sciences, Engineering Index/Compendex, INSPEC Information Services, International Abstracts in Operations Research, Mathematical Reviews, PASCAL, Science Citation Index, Statistical Theory and Method Abstracts, Zentralblatt für Mathematik.

Contents

Contributions

N. Alon and A. Zaks T-choosability in graphs	1
E. Angel and V. Zissimopoulos On the quality of local search for the quadratic assignment problem	15
S. Anily, C.A. Glass and R. Hassin The scheduling of maintenance service	27
A. Brandstädt, V.D. Chepoi and F.F. Dragan The algorithmic use of hypertree structure and maximum neighbourhood orderings	43
B. Chen and M. Guignard Polyhedral analysis and decompositions for capacitated plant location-type problems	79
W. Fernandez de la Vega and V. Zissimopoulos An approximation scheme for strip packing of rectangles with bounded dimensions	93
J. Harrison, T. Brennan and S. Gapinski The Gergonne p -pile problem and the dynamics of the function $x \mapsto \lfloor (x+n)/p \rfloor$	103
M.A. Henning and H. Maharaj Some general aspects of the framing number of a digraph	115
Z. Hu and Z. Liu A strongly polynomial algorithm for the inverse shortest arborescence problem	135
M. Jerrum and G.B. Sorkin The Metropolis algorithm for graph bisection	155
S. Litsyn, P. Solé and R. Struik On the covering radius of an unrestricted code as a function of the rate and dual distance	177
W. Martin Fast equi-partitioning of rectangular domains using stripe decomposition	193
C.Z. Ortiz, N. Maculan and J.L. Szwarcfiter	

Characterizing and edge-colouring split-indifference graphs

209

H.J. Shyr and S.S. Yu The single loop representations of regular languages	219
N. Zhu and K. Broughan On aggregating two linear diophantine equations	231
Notes	
J. Bang-Jensen, G. Gutin and A. Yeo Properly coloured Hamiltonian paths in edge-coloured complete graphs	247
Z. Füredi On the double competition number	251
A.V. Gerbessiotis A graph-theoretic result for a model of neural computation	257
M. Klazar On trees and noncrossing partitions	263
A. Shioura A constructive proof for the induction of M-convex functions through networks	271
Author Index	279

